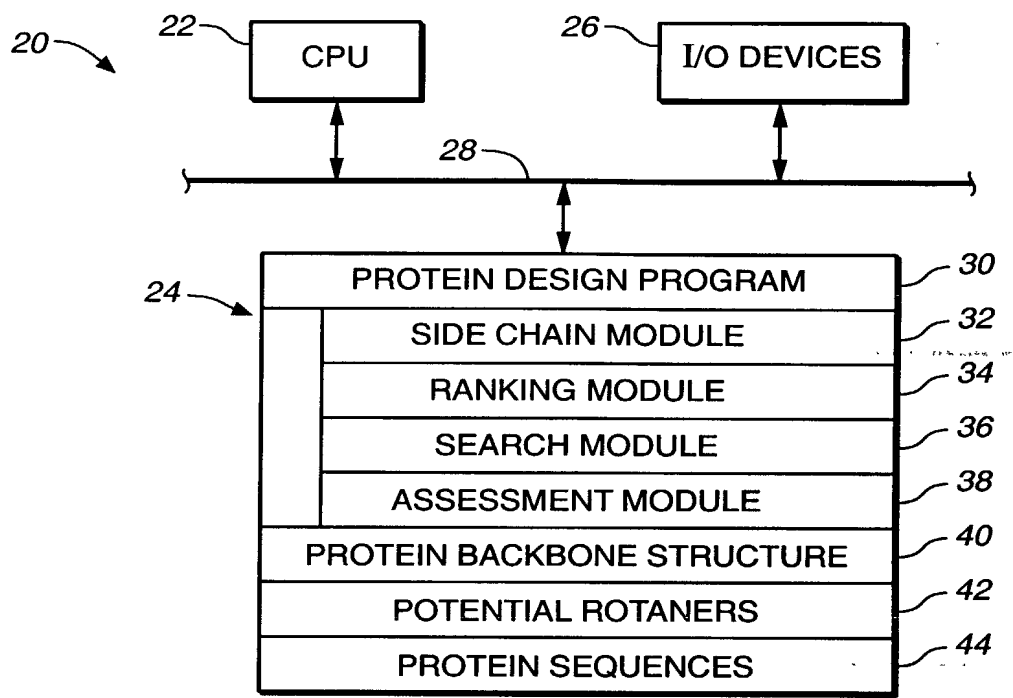
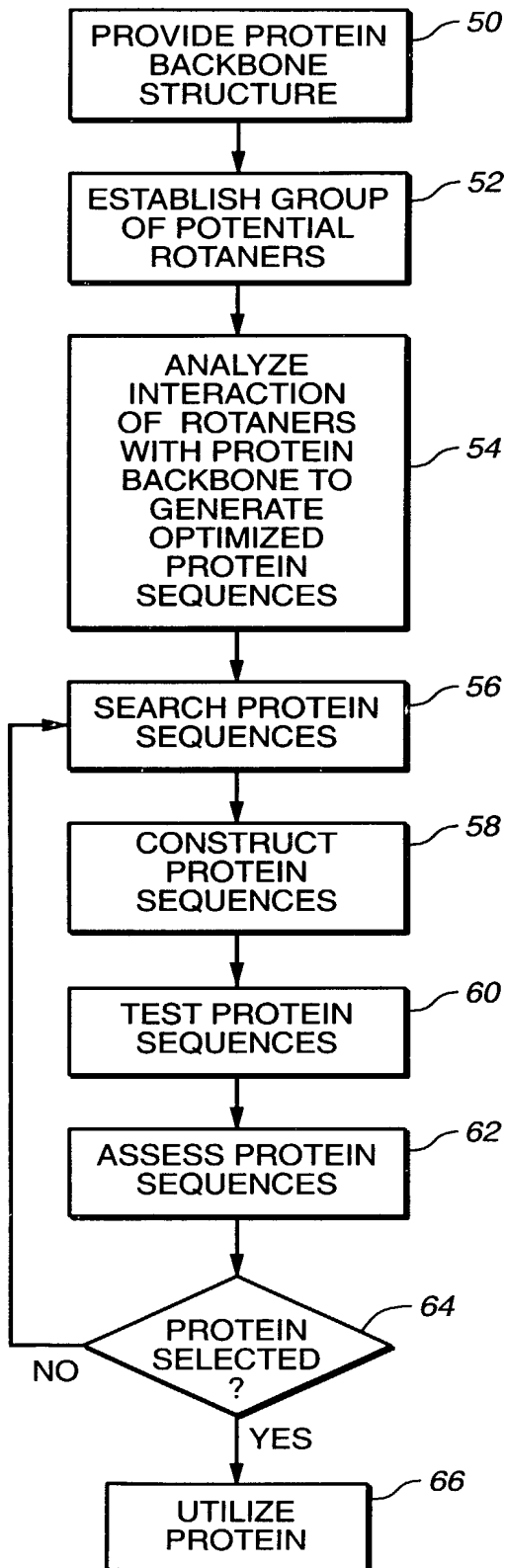
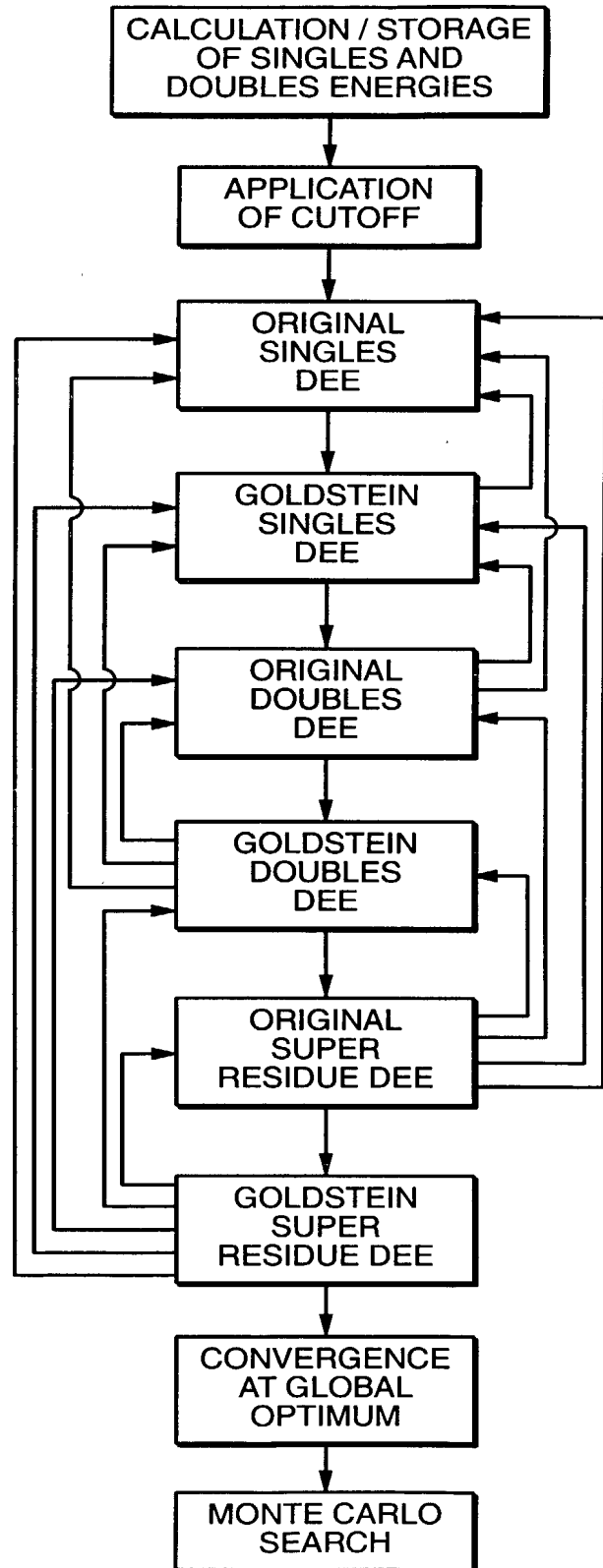


3

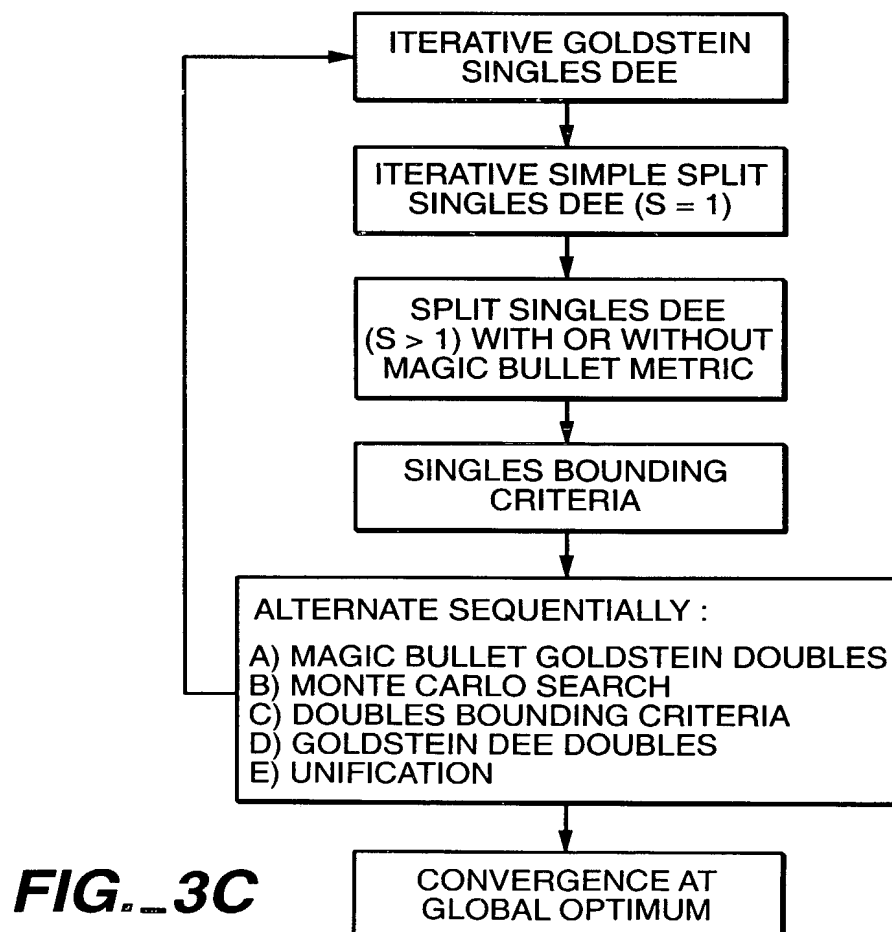
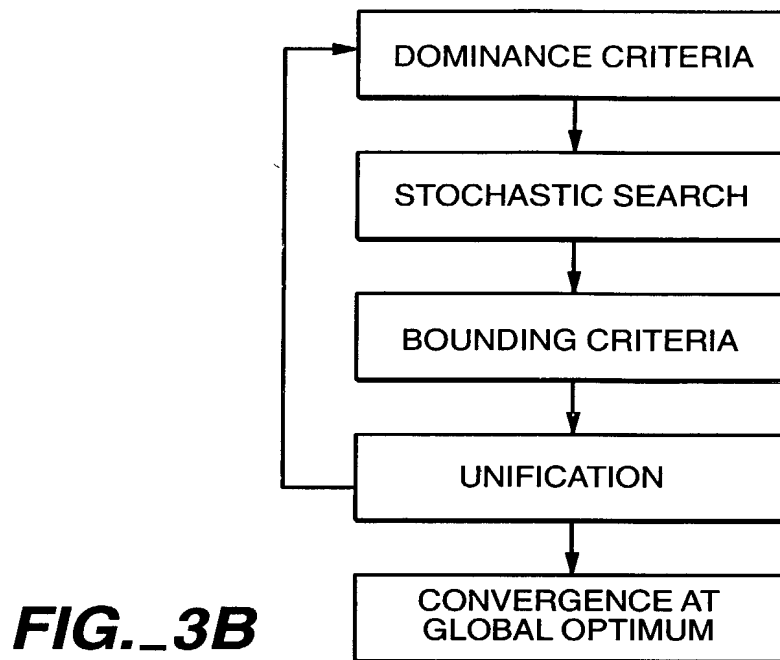


**FIG. 1**

**FIG. 2****FIG. 3A**

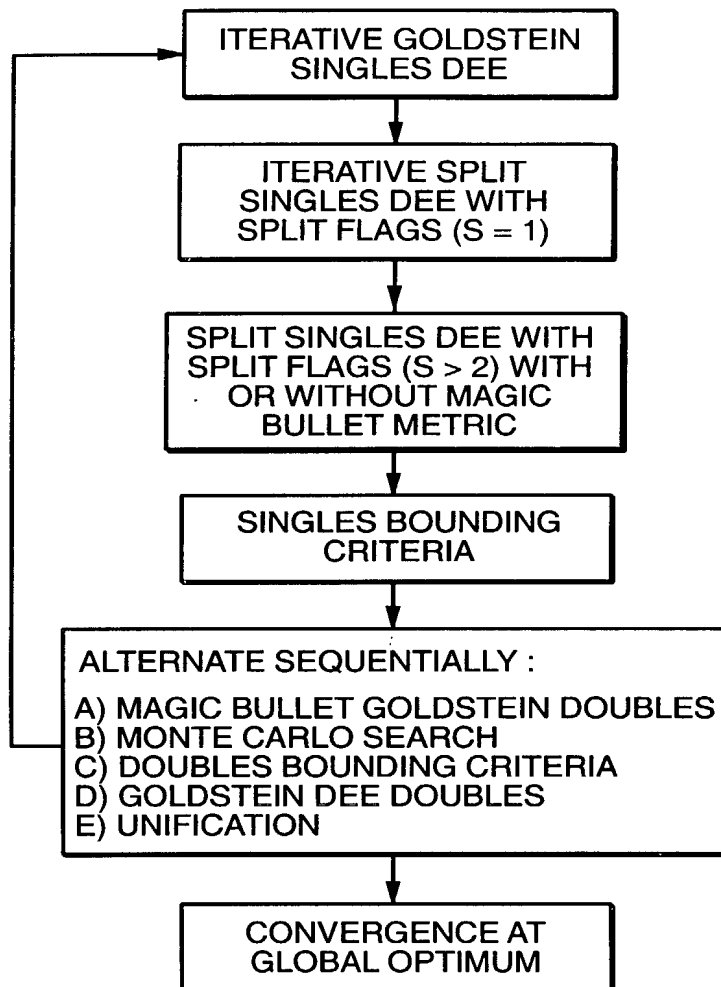
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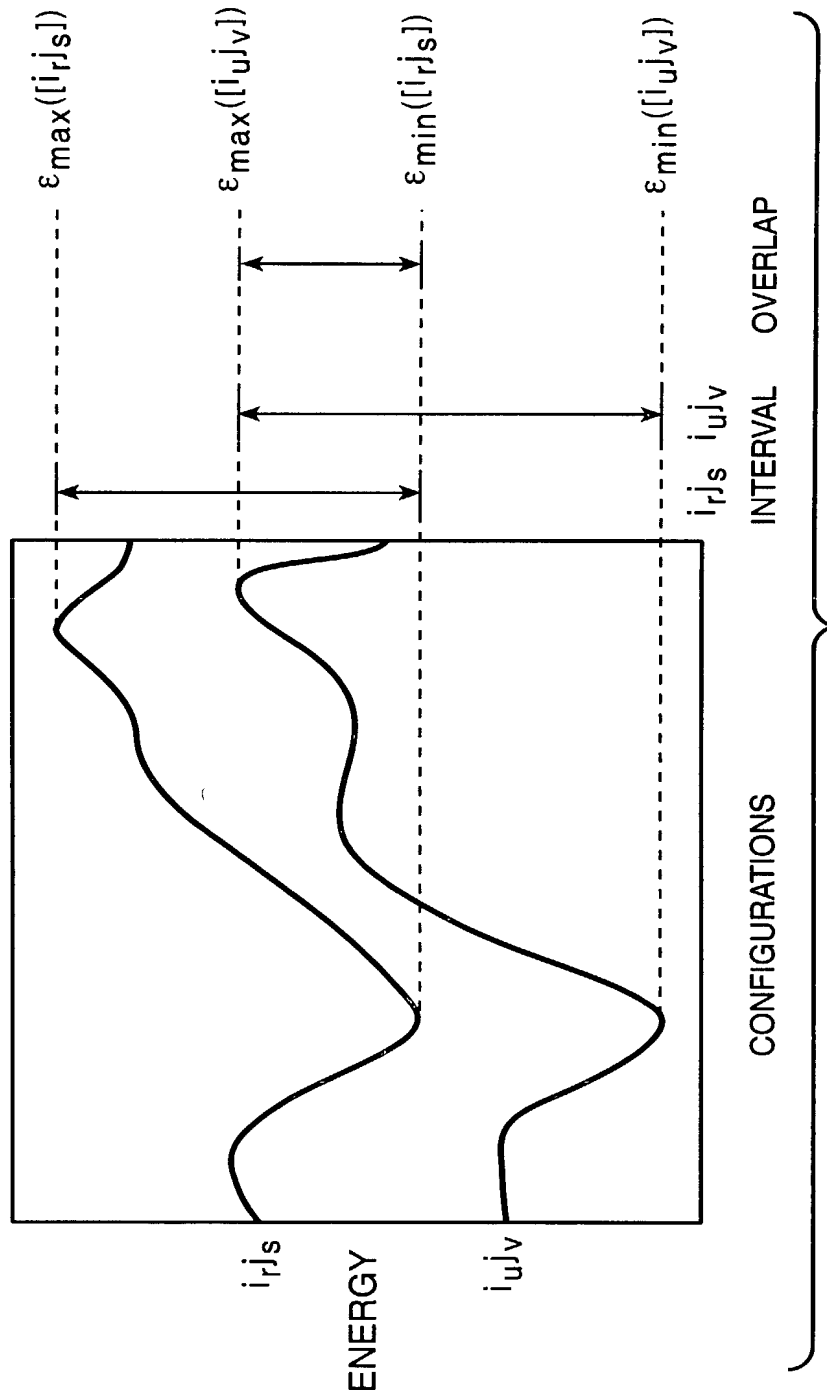


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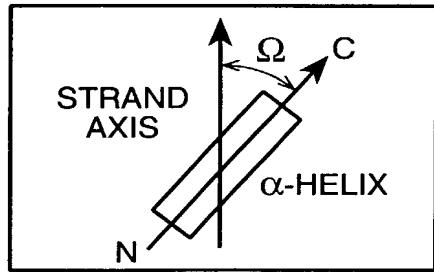
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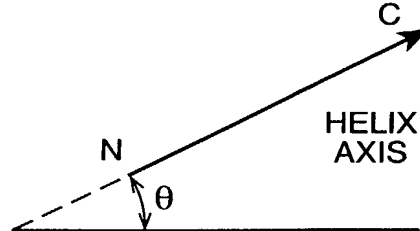
**FIG.\_3D**



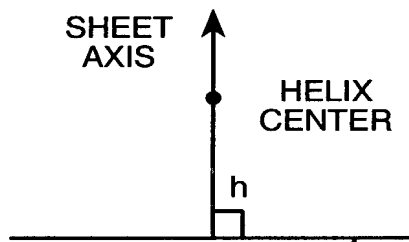
**FIG. 4**



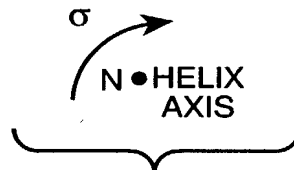
SHEET PLANE  
**FIG. 5A**



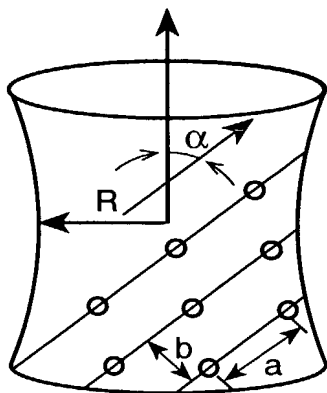
SHEET PLANE  
**FIG. 5B**



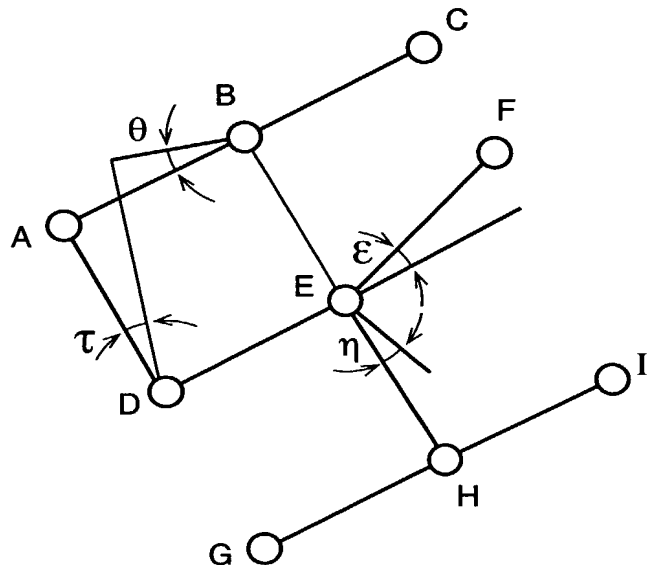
SHEET PLANE  
**FIG. 5C**



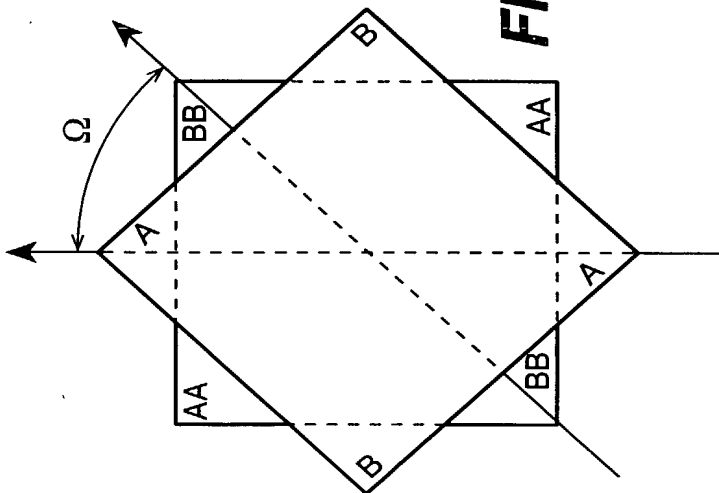
**FIG. 5D**



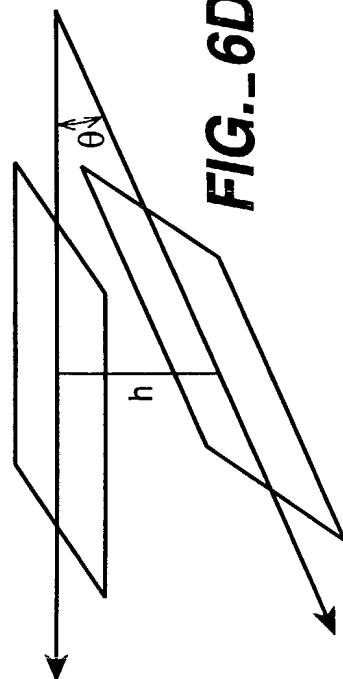
**FIG. 6A**



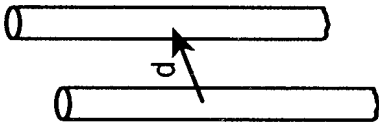
**FIG. 6B**



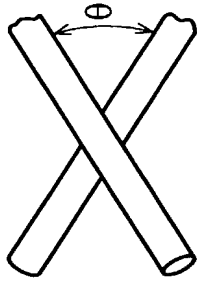
**FIG. 6C**



**FIG. 6D**



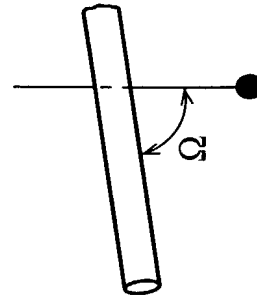
**FIG. 7A**



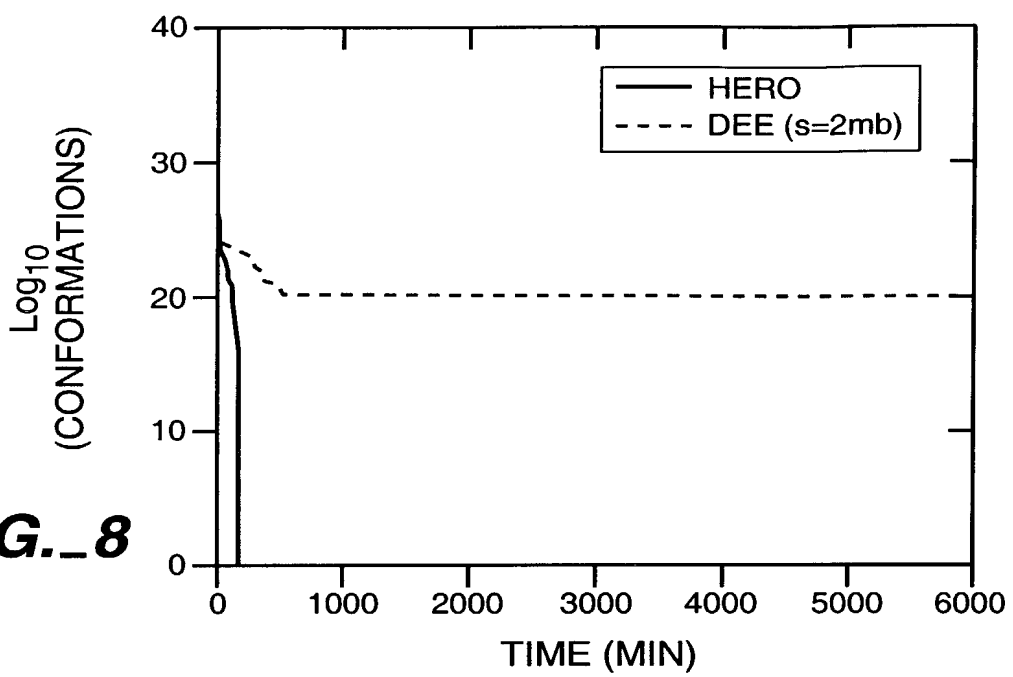
**FIG. 7B**



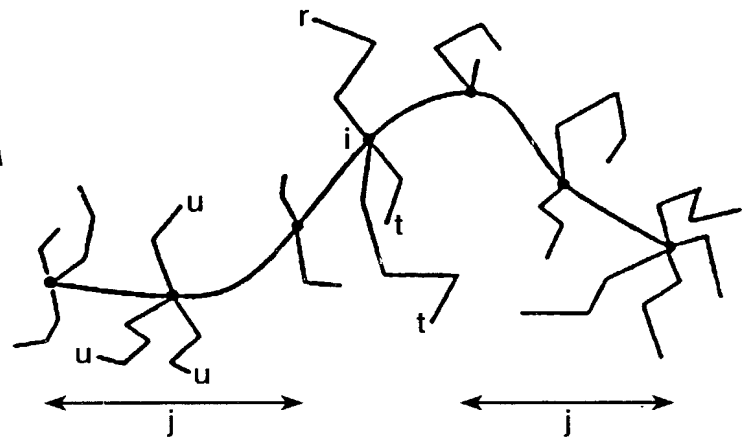
**FIG. 7C**



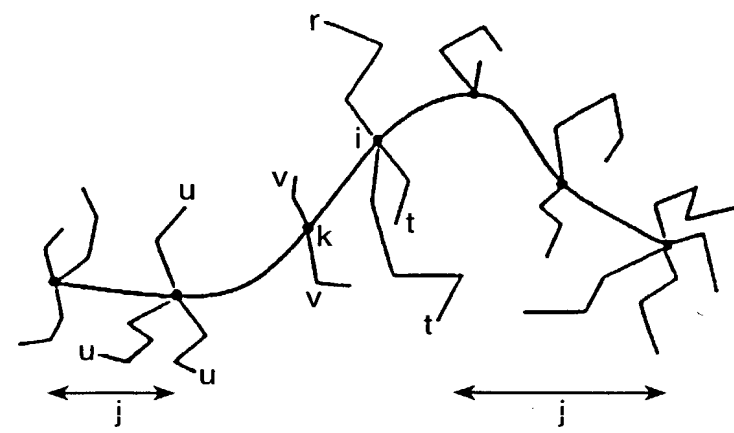
**FIG. 7D**



**FIG.\_8**



**FIG.\_9A**

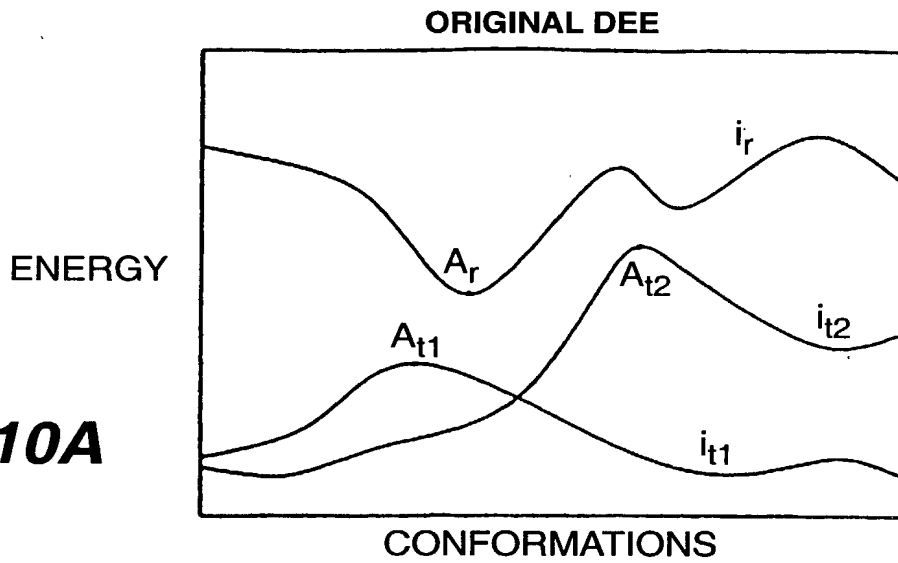
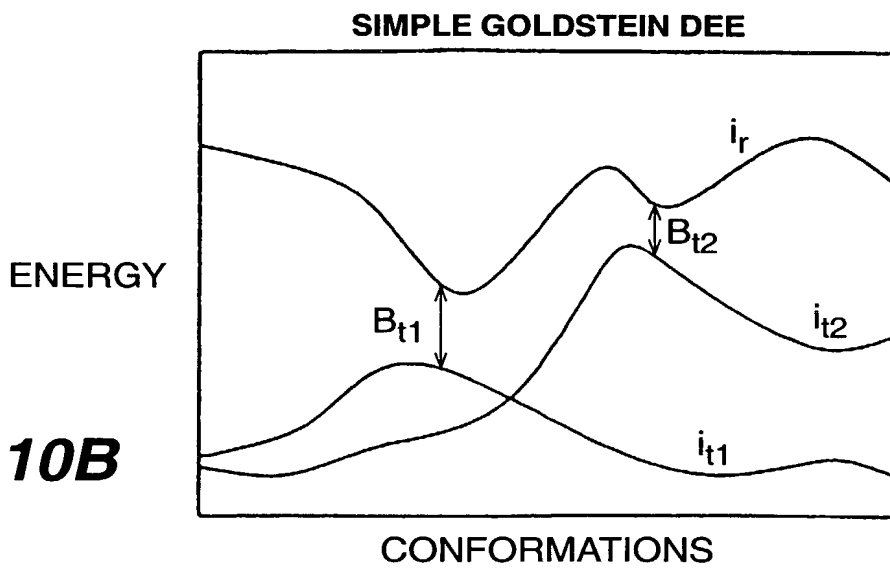


**FIG.\_9B**



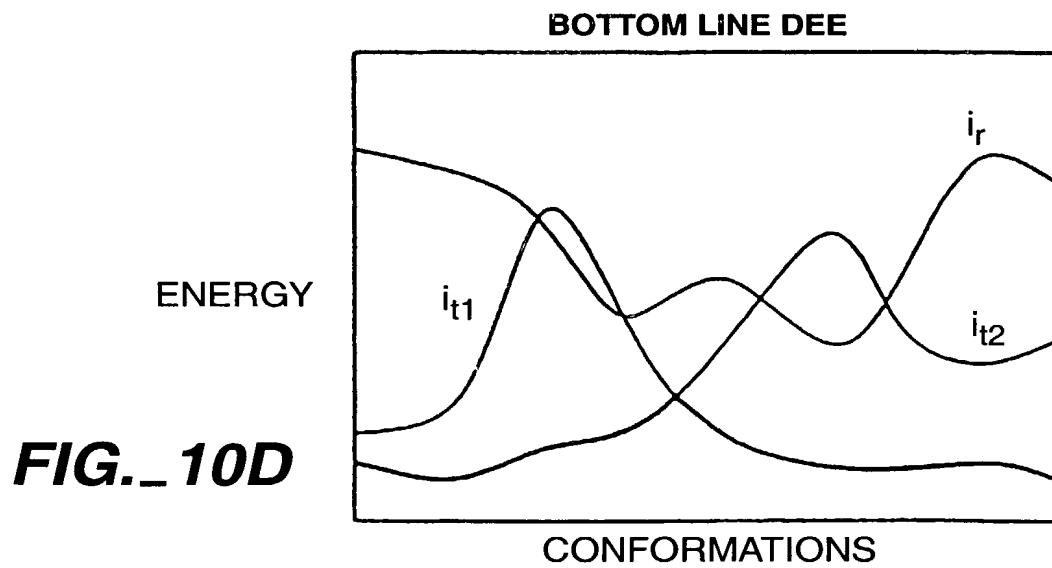
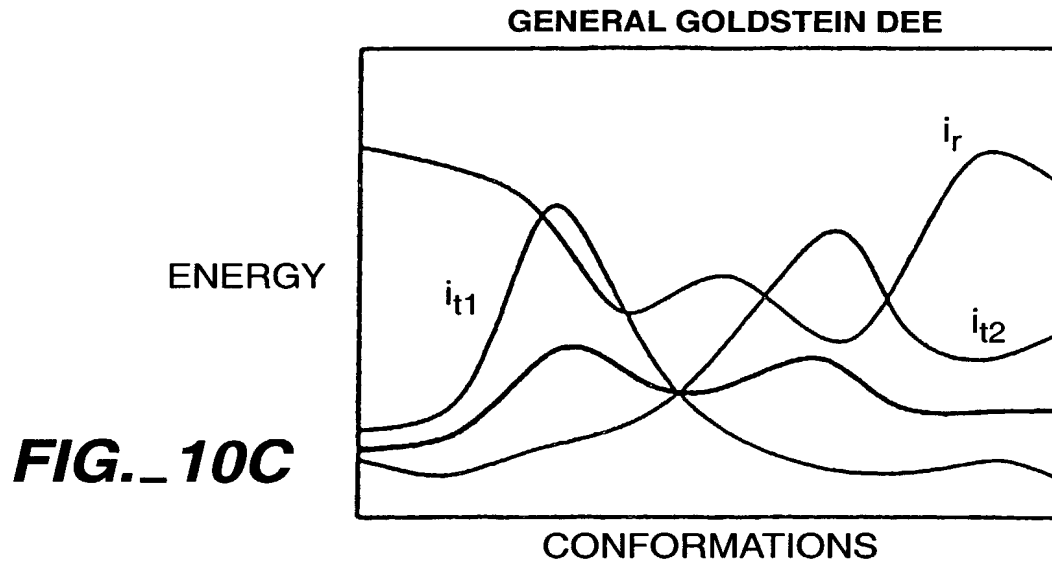
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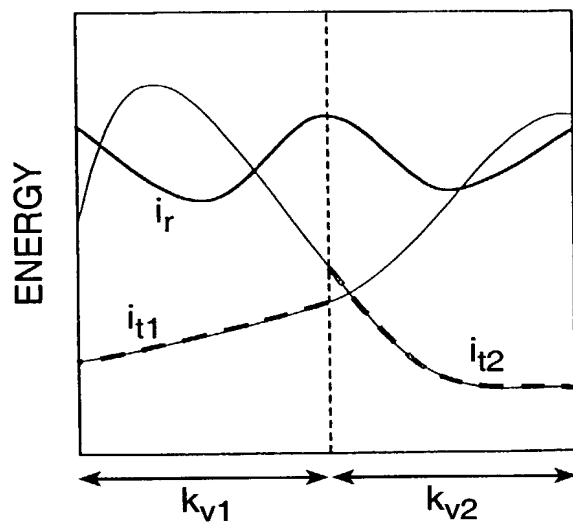
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**FIG.\_10A****FIG.\_10B**

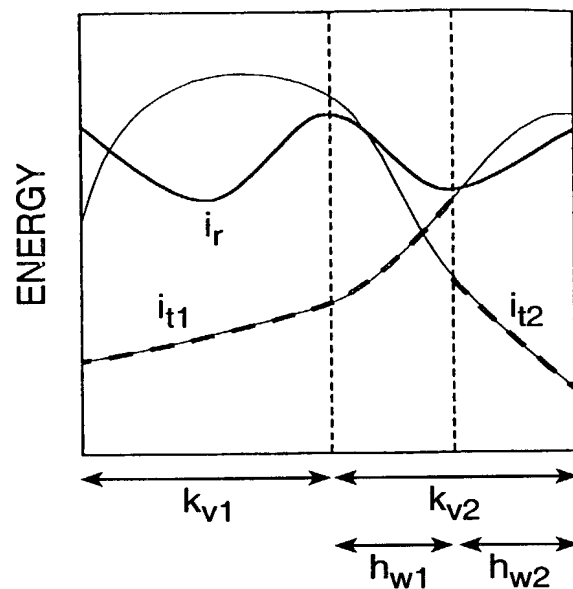
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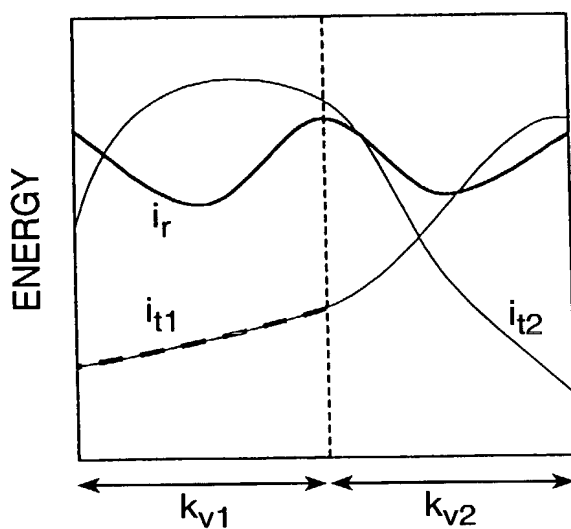




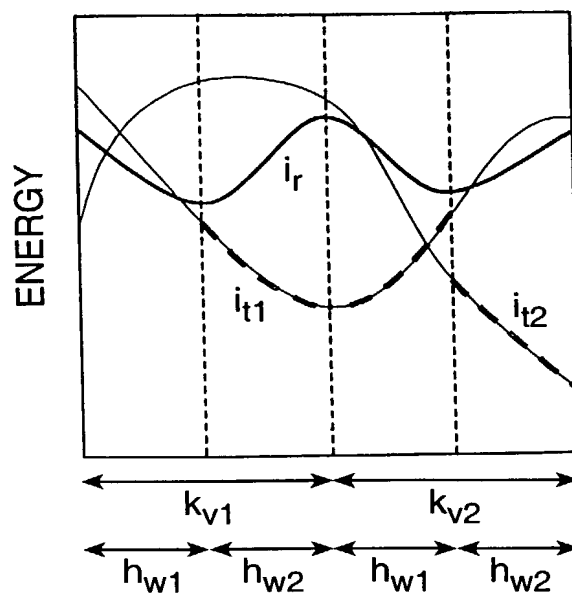
CONFORMATIONS

**FIG. 11A**

CONFORMATIONS

**FIG. 11B**

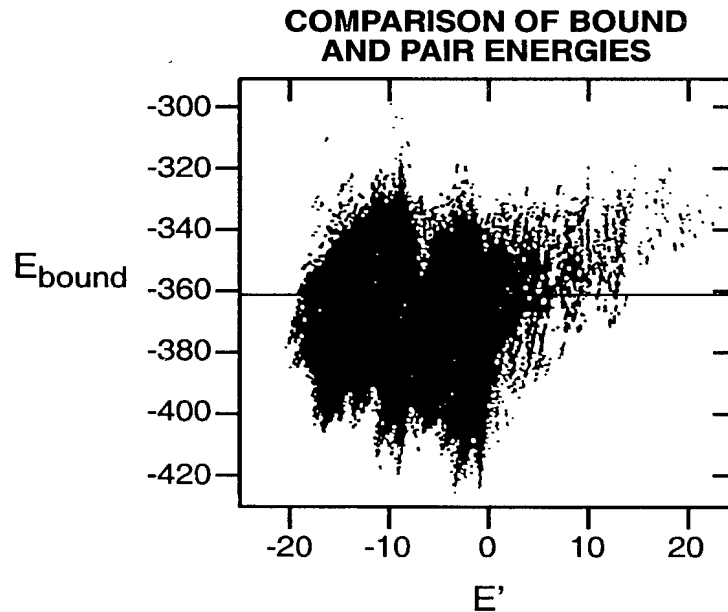
CONFORMATIONS

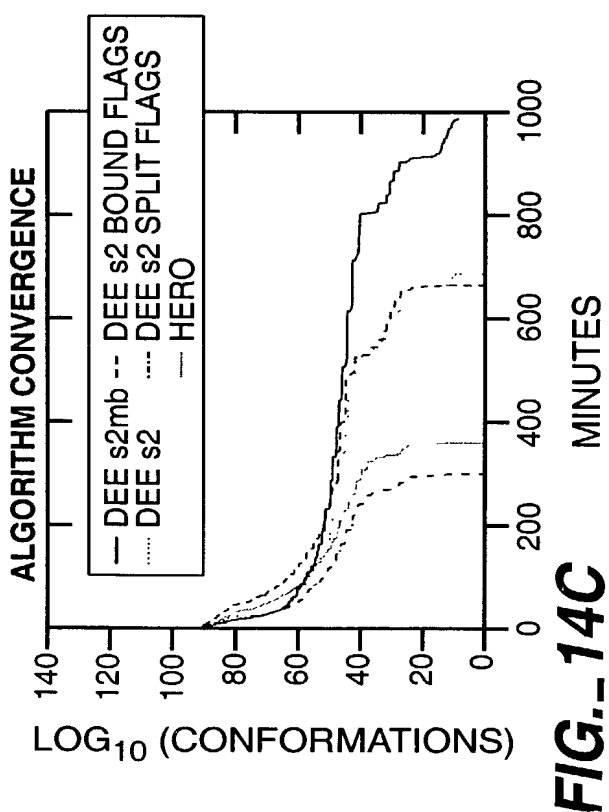
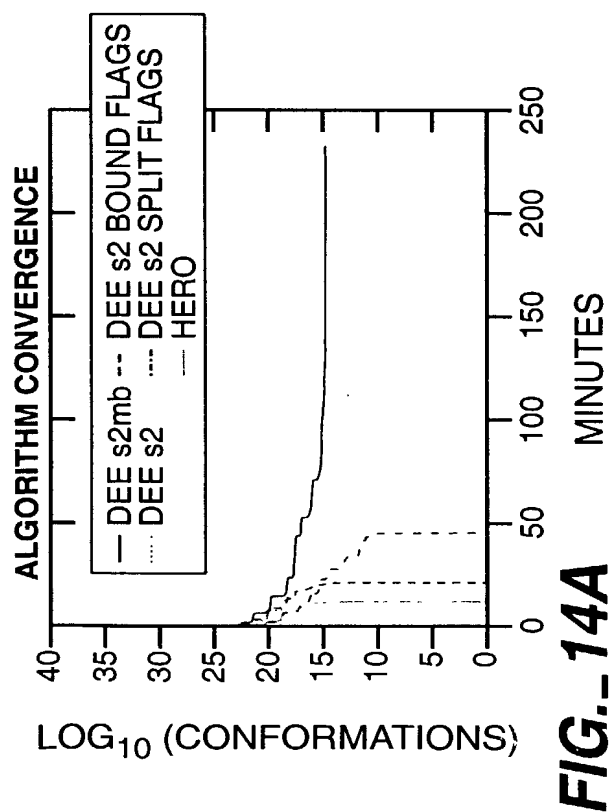
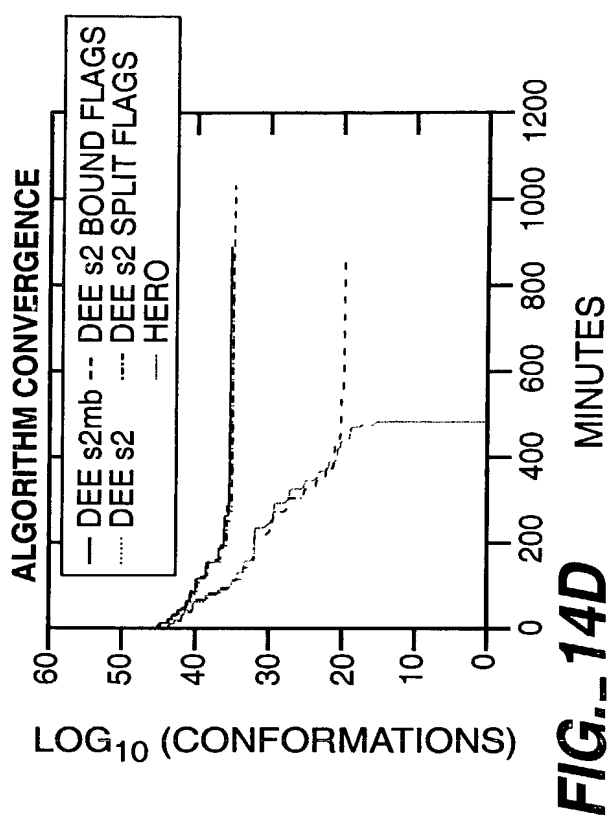
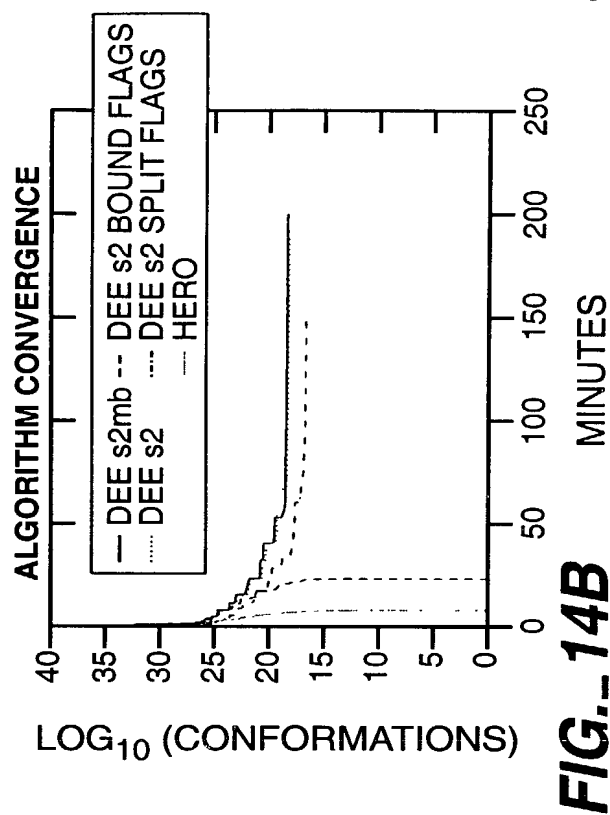
**FIG. 11C**

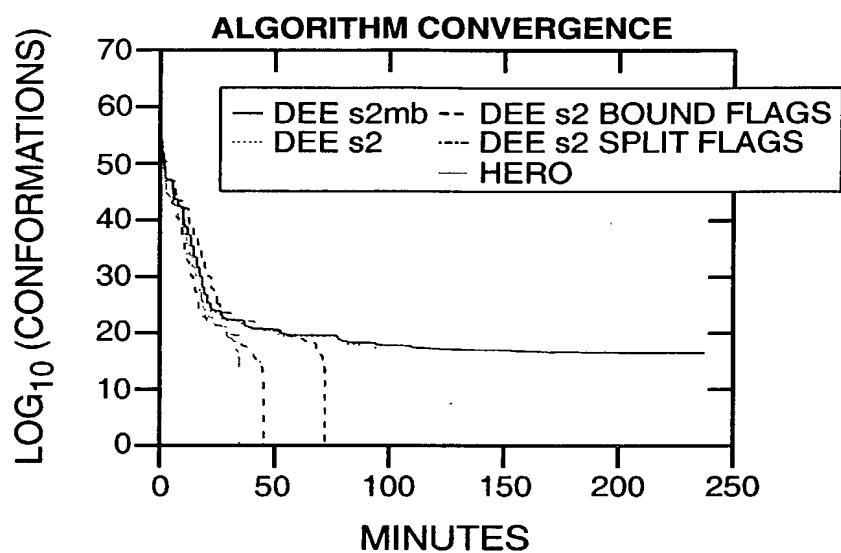
CONFORMATIONS

**FIG. 11D**

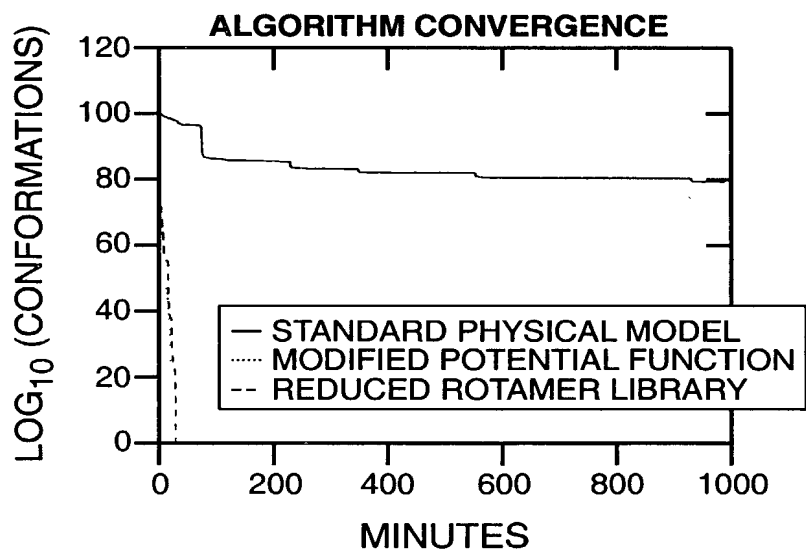
METHOD	ITERATION COMPLEXITY	FLAG ATTEMPTS PER ROTAMER PAIR
FULL GOLDSTEIN DOUBLES	$O(n^5p^3)$	$O(n^2)$
MAGIC BULLET GOLDSTEIN DOUBLES	$O(n^3p^3)$	1
SPLIT FLAGS (s=1)	$O(n^3p^2)$	$O(n)$
SPLIT FLAGS (s=2)	$O(n^4p^3)$	$O(n)$

**FIG.\_12****FIG.\_13**





**FIG. 14E**



**FIG. 15**